

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicants:** David Andrew Anderson, et al.      **Examiner:** Unassigned  
**Serial No.:** 10/553,683      **Art Unit:** Unassigned  
**Filed:** October 17, 2005      **Docket:** 19242  
**For:** VIRAL VECTORS EXPRESSING      **Dated:** November 29, 2006  
FUSION OF VIRAL LARGE ENVELOPE  
PROTEIN AND PROTEIN OF INTEREST

**Confirmation No.:** 1846

Mail Stop PCT  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R §§1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.


1. Ishikawa T. et al., "The Pre-S Domain of the Large Viral Envelope Protein Determines Host Range in Avian Hepatitis B Viruses", *Proc. Natl. Acad. Sci. USA* 92:6259-6263 (1995); and
2. Kuroda S. et al., "Hepatitis B Virus Envelope L Protein Particles", *The Journal of Biological Chemistry* 267(3):1953-1961 (1992).

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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

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Dated: November 29, 2006

  
Xiaochun Zhu

The references were cited in an International Search Report dated May 27, 2004 received from the Australian Patent Office. Applicants are submitting copies of the above-cited references. A copy of the International Search Report was previously submitted by Applicants on October 17, 2005. The relevance of the above-identified references has been described in the International Search Report.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. § 1.97(b), no statement or fee is required.

Respectfully submitted,



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<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				Docket Number (Optional) <b>19242</b>		Application Number <b>10/553,683</b>	
				Applicant(s) <b>David Andrew Anderson, et al.</b>			
				Filing Date <b>October 17, 2005</b>		Group Art Unit <b>Unassigned</b>	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS		(Including Author, Title, Date, Pertinent Pages, Etc.)
		Ishikawa T. et al., "The Pre-S Domain of the Large Viral Envelope Protein Determines Host Range in Avian Hepatitis B Viruses", Proc. Natl. Acad. Sci. USA 92:6259-6263 (1995)
		Kuroda S. et al., "Hepatitis B Virus Envelope L Protein Particles", The Journal of Biological Chemistry 267(3):1953-1961 (1992)

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
**(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.  
**19242**

In Re Application Of: **David Andrew Anderson, et al.**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/553,683	October 17, 2005	Unassigned	23389	Unassigned	1846

Title:

**VIRAL VECTORS EXPRESSING FUSION OF VIRAL LARGE ENVELOPE PROTEIN  
AND PROTEIN OF INTEREST**

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Alexandria, VA 22313-1450**

**37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

**OR**

☐ the fee set forth in 37 CFR 1.17(p).

<b>TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT</b> (Under 37 CFR 1.97(b) or 1.97(c))				Docket No. <b>19242</b>	
In Re Application of: <b>David Andrew Anderson, et al.</b>					
Application No. <b>10/553,683</b>	Filing Date <b>October 17, 2005</b>	Examiner <b>Unassigned</b>	Customer No. <b>23389</b>	Group Art Unit <b>Unassigned</b>	Confirmation No. <b>1846</b>
Title: <b>VIRAL VECTORS EXPRESSING FUSION OF VIRAL LARGE ENVELOPE PROTEIN AND PROTEIN OF INTEREST</b>					
<div style="text-align: center;"> <b>Payment of Fee</b>          (Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))       </div> <p> <input type="checkbox"/> A check in the amount of _____ is attached.  <input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>19-1013/SSMP</u> as described below.       </p> <div style="margin-left: 40px;"> <input type="checkbox"/> Charge the amount of _____  <input checked="" type="checkbox"/> Credit any overpayment.  <input checked="" type="checkbox"/> Charge any additional fee required.       </div> <p> <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.       </p> <p> <b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b> </p> <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p style="text-align: center;"><b>Certificate of Transmission by Facsimile*</b></p> <div style="border: 1px solid black; padding: 5px; min-height: 150px;"> <p>I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fa</p> <p>_____</p> <p style="text-align: center;">(Date)</p> <p style="text-align: center;">_____ Signature</p> <p style="text-align: center;">_____ Typed or Printed Name of Person Signing Certificate</p> </div> </div> <div style="width: 48%;"> <p style="text-align: center;"><b>Certificate of Mailing by First Class Mail</b></p> <div style="border: 1px solid black; padding: 5px; min-height: 150px;"> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on</p> <p style="text-align: center;">November 29, 2006</p> <p style="text-align: center;">_____ (Date)</p> <p style="text-align: center;">_____ Signature of Person Mailing Correspondence</p> <p style="text-align: center;">Xiaochun Zhu</p> <p style="text-align: center;">_____ Typed or Printed Name of Person Mailing Certificate</p> </div> </div> </div> <p> <b>*This certificate may only be used if paying by deposit account.</b> </p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 45%;"> <p style="font-size: 1.2em;">_____ Signature</p> <p><b>Xiaochun Zhu</b>            Registration No. 56,311            Scully, Scott, Murphy &amp; Presser, P.C.            400 Garden City Plaza, Suite 300            Garden City, New York 11530            516-742-4343</p> </div> <div style="width: 50%;"> <p>Dated: November 29, 2006</p> </div> </div> <p>cc:</p>					